

## ABSTRACT OF THE DISCLOSURE

A computer color matching method of paint for measuring a proper formulation of colorants for obtaining a target color or color and luster, or a proper formulation of colorants and luster color materials, directly in a liquid state of paint, without preparing painted panels from adjusted paint, and calculating the adjusted blending ratio easily and accurately, and a paint manufacturing method by using this method. A color matching method of determining the blending ratio of colorants and luster color materials conforming to a target color by computation, when color matching a metallic and pearlescent paint composed of plural colorants and luster color materials, in which the color of a paint as liquid varied in the volume formulation ratio of usable colorants and luster color materials is preliminarily measured by paint color measuring means, the data is stored in the memory of a computer, the color of each one of two or more paints adjusted in the blending ratio for realizing a target color is measured by paint color measuring means when color matching a metallic and pearlescent paint, a reproduced color is predicted and computed by using the measured data and the data on the memory and considering change in the calorimetric value due to difference in blending ratio of colorants and luster color materials, and an appropriate blending ratio of colorants and luster color materials is determined by computation.